

--ABSTRACT

Q, In a back light unit, a light-guide plate is provided with a cone pattern to uniformly guide a light beam passing through a light input. A light-path converter controls a progress direction of the light beam in such a manner that the light beam outputted from the light-guide plate is progressed in a direction perpendicular to a liquid crystal panel. A diffusion sheet diffuses the light beam passing through the light-path converter into the liquid crystal panel. A reflection of the light-guide pattern and wall surface and the bright lines of the light input can be minimized. The light efficiency can be improved and the manufacturing cost can be reduced.--